SBR No-215/14-15. D. 14-11-2014

Original/Duplicate/ Triplicate

**Contract Certificate**

(For Other Works)

No...**First & Final** ... Date : .....

Division: **Dasarahalli** Sub-Division:

Bill Received No. 788 Dated 31.12.14 Cash Book Voucher No. ..... Dated.....

14-15

Scheduled Doctet No..... Head of Account.....

Name of work (as per sanctioned estimate) - **Improvements & asphalting of old CMC Office Back Side Area 1st, 2nd and 3rd Cross Roads in Dasarahalli Ward No.15**

Name of contractor and Full Address KRFDL Bangalore (copy)

Reference to Agreement No. EE/DD/WO/ / 14-15 Dt. 25/6/14

Certified that the measurements were taken by me on 14/11/14 and recorded in pages 51 To 55 ..... of measurements Book No 848/13-14 and that the work is satisfactorily executed.

AE 14/11/14

**Contractor** **Officer – in – charge of work**

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Certified that the measurements were checked by me on 14/11/14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accountant II have been actually bought to the site of the work and contactor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement

*If Memorandum of Payment* **WORK CODE: 015-14-000029** *Sub-Division Officer*

| | | Amount |
|---|---|---|
| 1. | Total Value of work done or supplies made as per account within | -- |
| 2. | Deduct amount to be held in reserve being.....percent Rs. ... | |
| 3. | -do- Balance | -- |
| 4. | Deduct Payments: | |
| | a) Amount of previous payment as in the Office Cash Book Voucher No. .....Dated.....S.D. No. | |
| | Amount adjusted towards cash advance recovery of | |
| | b) Payments cost store or other materials supplied. | |
| 5. | Balance being unpaid value of work done held in reserve | |
| 6. | Deduct cash advance made on the office Cash Book Voucher No. ..... dated.....less adjustments | |
| 7. | Net amount due to or from contractor | |
| | Unadjusted items | |
| 8. | Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. | |

Bill Amount - 1962147=00
IT - 39243=00
VAT - 78486=00
Rb - 98107=00
LWC - 19621=00
CBF - 1962=00
LR - 18750=00
Fine - 1600=00
Total - (-) 257270=00
1704877=00

Contractor Signature

Received Rs. ..... (in words)

.....by cash and by adjustment of

Payment as per memorandum (For use in the office)

(In final settlement of all demand)

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Witness:

1.

2.

Stamp

Signature of the Contractor

Date 31/12

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Paid by me by Cheque No. ..... Dated.....

Cash Rs. ..... Dated.....

Initials of office making payment dated.....

Audited and admitted for Rs. 1962147=00

Passed by Cheque for Rs. 1704877=00

(.....)

by adjustment Rs. 257270=00

Executive Engineer

Accounts Superintendent Exe. Engineer

B.B.M.P. Dasarahalli Division

| Sl. No | Description of item | Unit | Previous Measurement | | Present Measurement | | | Total Up-to-date | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate Rs. Ps. | Cost | Qty | Cost | |
| 1 | KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually ( other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables ) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications | Cum | | | 274.20<br>224.40 | 177.12 | 48566<br>39746=00 | 274.20<br>224.40 | 48566<br>39746=00 | |
| 2 | KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. Close graded granular sub-base material as per 400-1 For Grading- I Material | Cum | | | 102.83<br>84.15 | 1060.56 | 109057<br>89246=00 | 102.83<br>84.15 | 109057<br>89246=00 | |
| 3 | KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification | Cum | | | 137.10<br>84.15 | 1121.04 | 153695<br>94335=00 | 137.10<br>84.15 | 153695<br>94335=00 | |
| 4 | KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. | Sqm | | | 685.50<br>561.00 | 44.28 | 30354<br>24841=00 | 685.50<br>561.00 | 30354<br>24841=00 | |
| 5 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. | Sqm | | | 1345.60<br>2231.40 | 2.59 | 4952<br>5779=00 | 1345.60<br>2231.40 | 4952<br>5779=00 | |
| 6 | Filling Pot-holes and Patch Repairs with Bituminous Concrete, 40 mm KSRRB M3000-5. Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 500.3, back filling the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications | Sqm | | | 67.28 | 410.40 | 27612 | 67.28 | 27612 | — |
| 7 | KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface ) including cost of all materials, labour, HOM of machineries complete as per specifications | Sqm | | | 2031.10<br>2792.40 | 17.93 | 44953<br>50.067=00 | 2031.10<br>2792.40 | 44953 | 50,067=00 |
| 8 | KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH /Chapter 5. With 60/70 grade bitumen. | Cum | | | 26.14<br>61.38 | 6733.80 | 413321<br>176022=00 | 26.14<br>61.38 | 413321<br>176022=00 | |
| 9 | KSRRB M500-18. Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications 25-30mm compacted thickness with 5% bitumen 80/100 grade (Grading II) | Cum | | | 81.24<br>111.68 | 11452.32 | 1148622<br>1278995=00 | 81.24<br>111.68 | 1148622<br>1278995=00 | |
| 10 | Carriage of Mixed Material Page No.186 Note PWD SR Of 13-14 - Qty vide Itemn No.8+9 | Cmtr | | | 142.62<br>137.82 | 52.11 | 7432<br>7182=00 | 142.62<br>137.82 | 7432<br>7182=00 | |

| Sl. No | Description of item | Unit | Previous Measurement | | Present Measurement | | | Total Up-to-date | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate Rs. Ps. | Cost | Qty | Cost | |
| 11 | Disposal of Debris to the final place of disposal with all lead and lifet and as direction by the engineer in charge of the work, lead 4 km a)Basic Rate for haulage of materials as per item No.17.4/KSRRB :M100-4.1.... Rs 2.0 Tonne/Km B) Average earth of Work 1.28 Tonne /Km for Rs.2.00/Km C) Add loading and unloading Charges - | Per Cmtr | | | 274.20<br>224.40 | 78.24 | 21453<br>17557=00 | 274.20<br>224.40 | 21453<br>17557=00 | |
| | | | | | | Total | 1784268 | | 1784268 | 1783770=00 |
| | | | | | | 10% KRIDL Charges | | | 178427 | 178377=00 |
| | | | | | | 1% Labour Cess Charges | | | 17843 | |
| | | | | | | Grand Total | | | 1980537 | 1962147=00 |

**Certificate**

1 Work done is satisfactory
2 There are no departmental issues made to the contractor
3 The contractor has supplied the materials in good condition

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Assistant Executive Engineer
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ಚ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

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Assistant Engineer